

FIG. 1

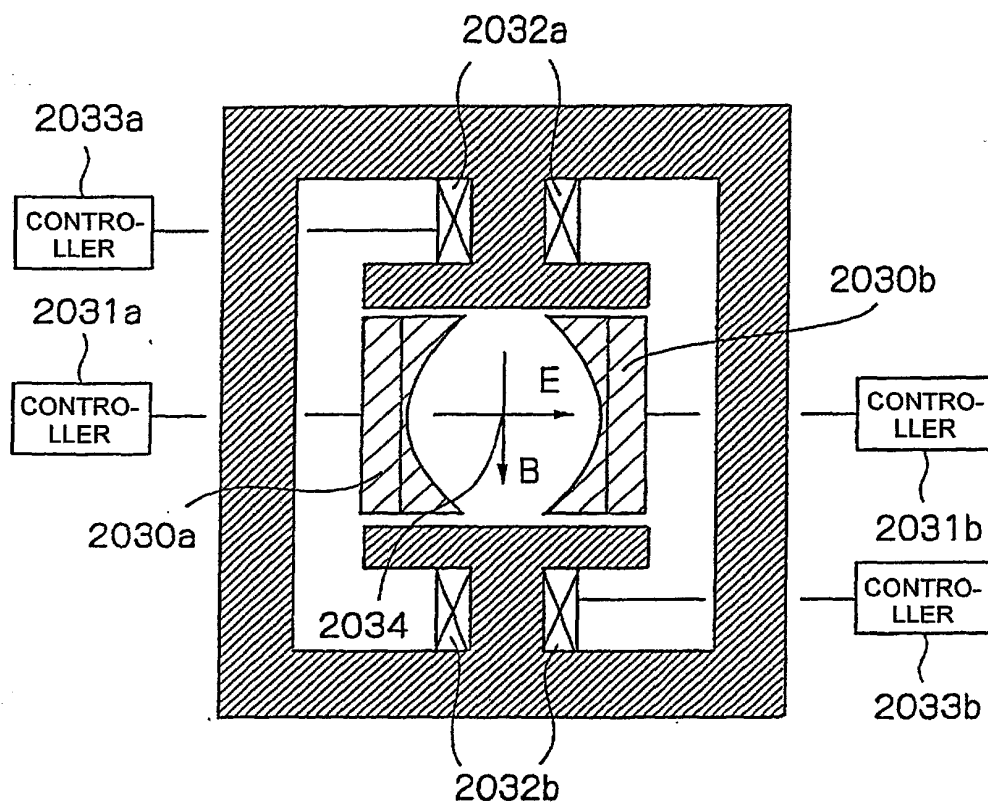


FIG. 2 (a)

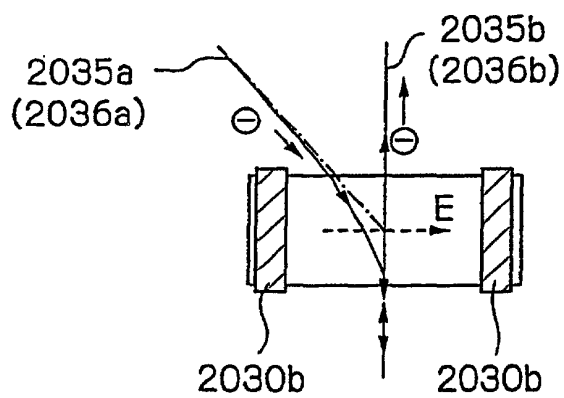


FIG. 2 (b)

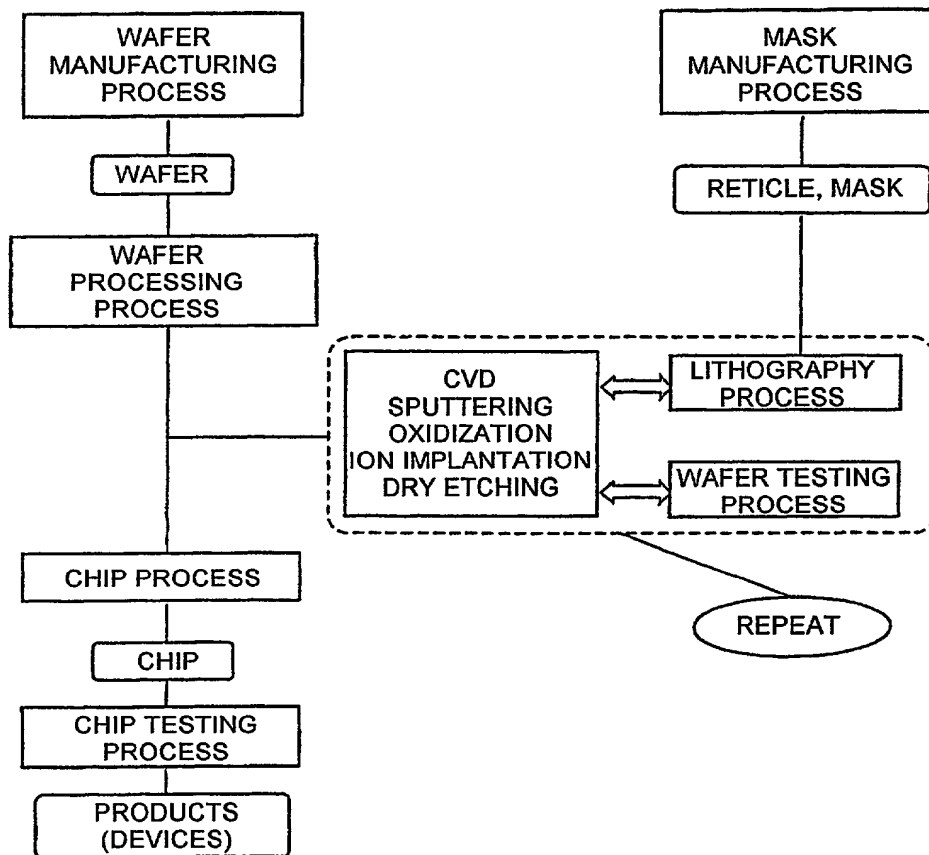


FIG. 3

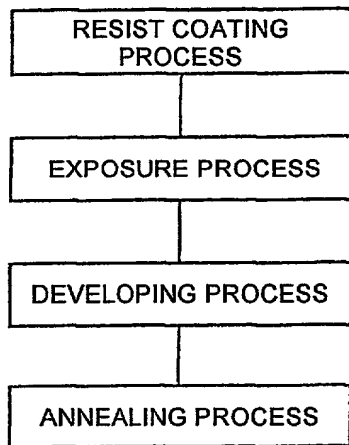


FIG. 4(a)

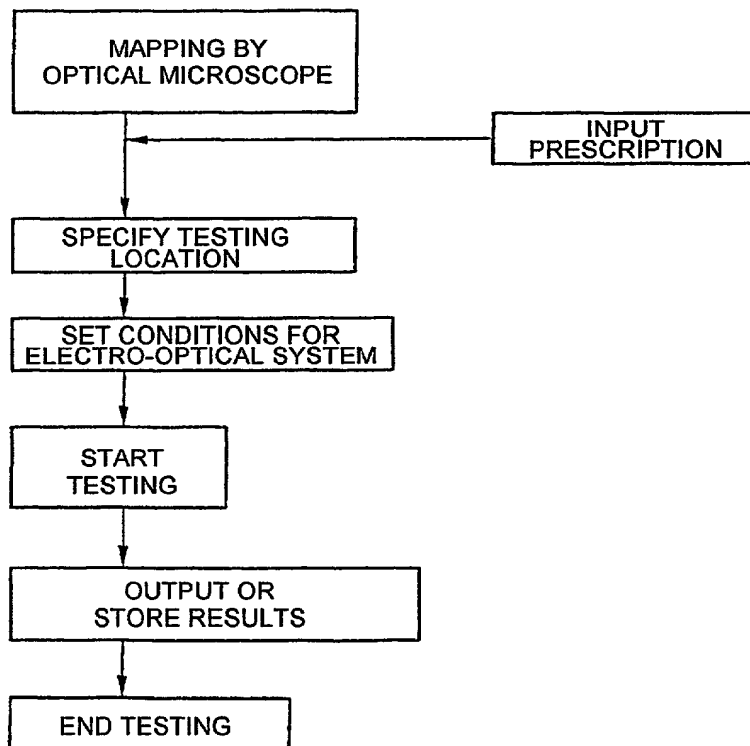


FIG. 4(b)

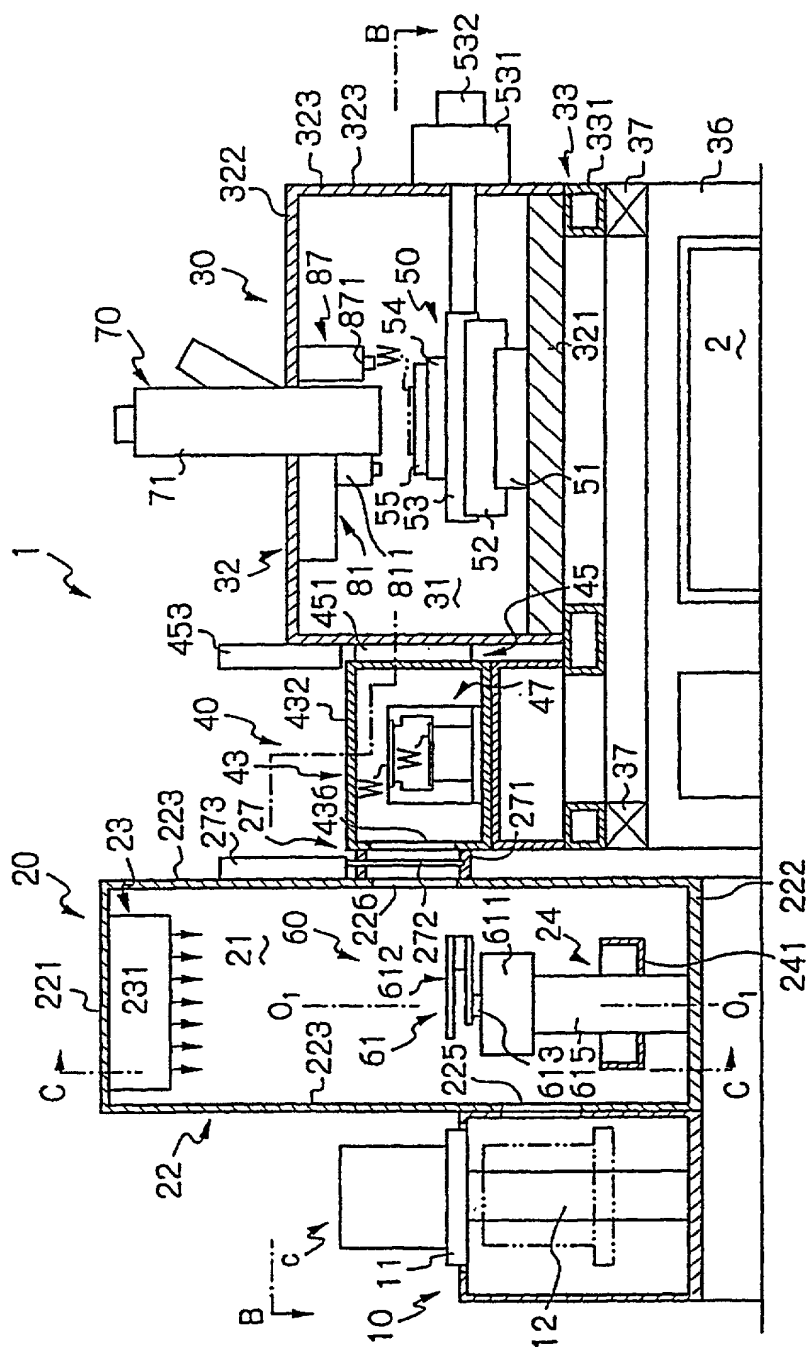


FIG. 5

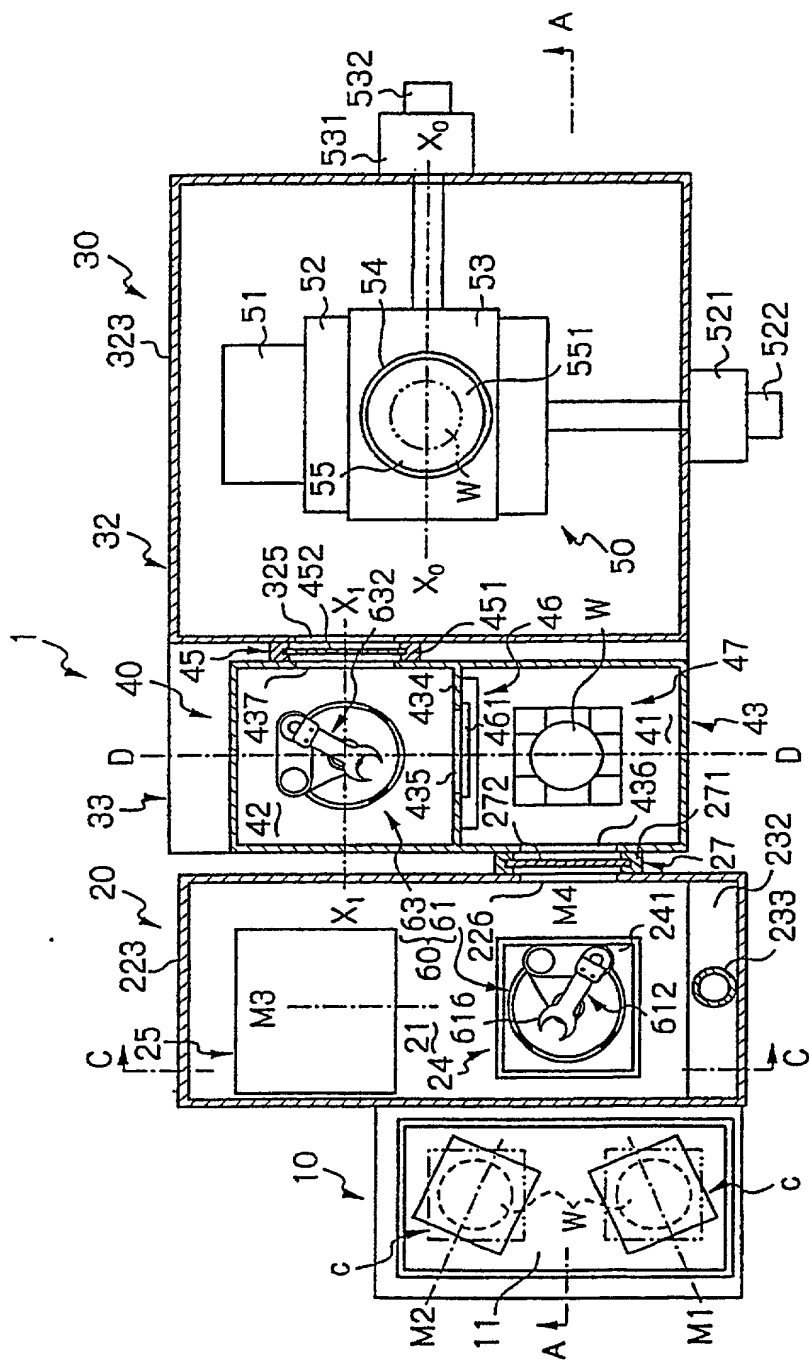


FIG. 6(a)

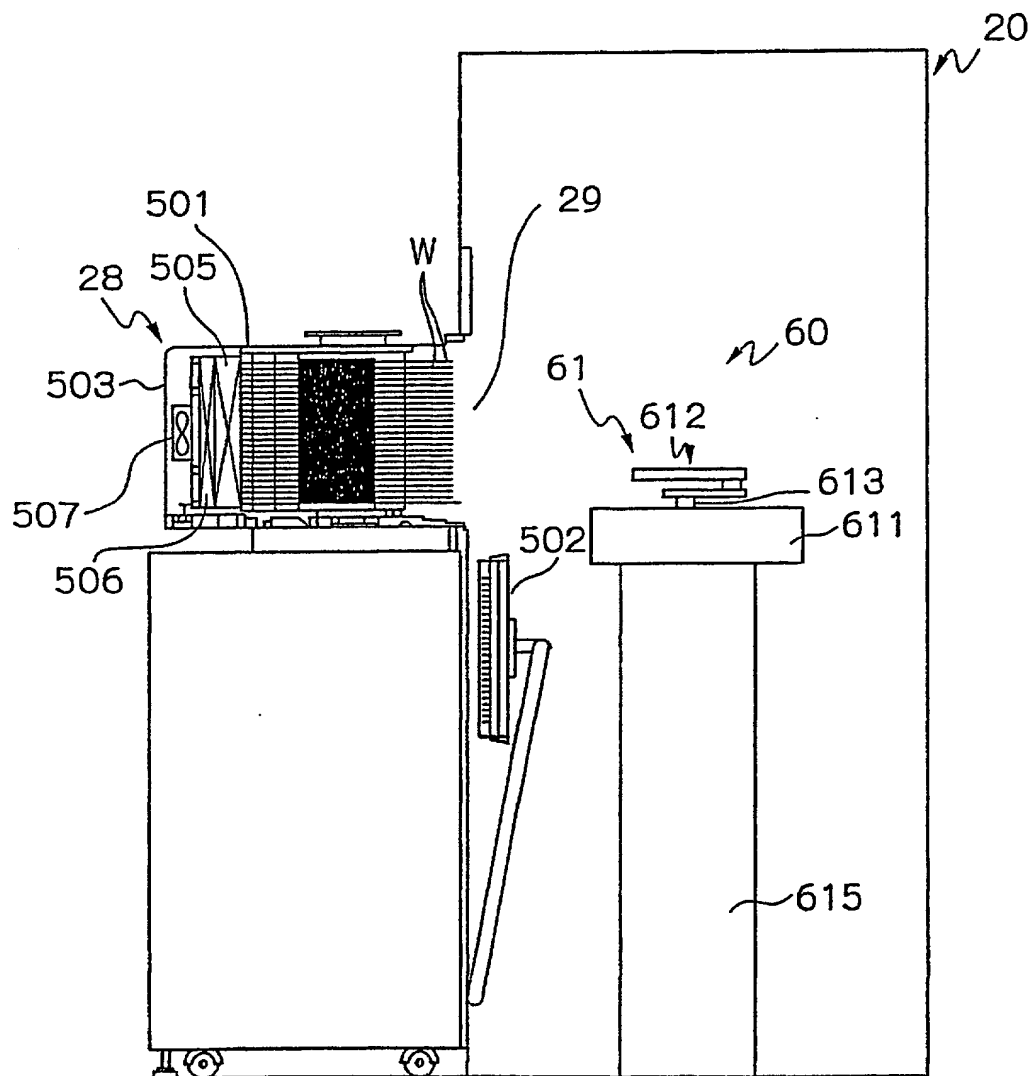


FIG. 6(b)

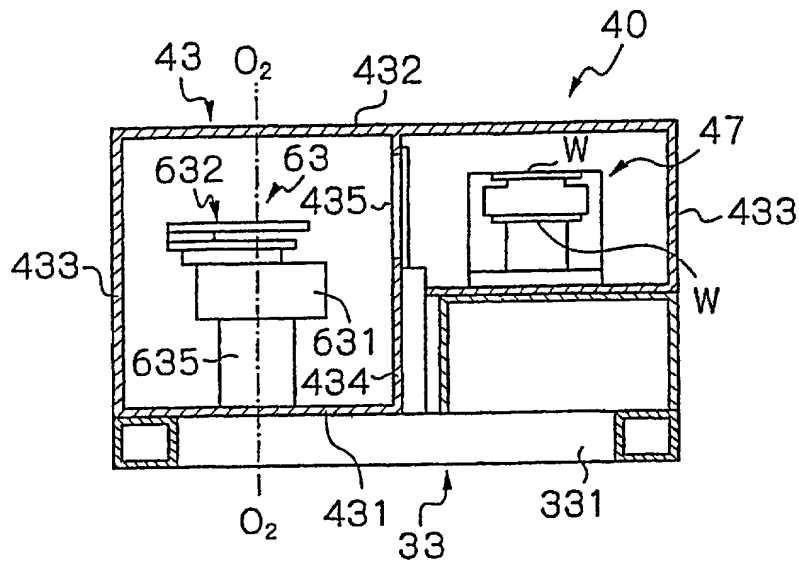


FIG. 8

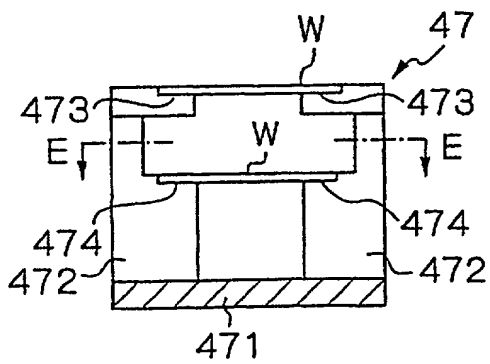


FIG. 9 [A]

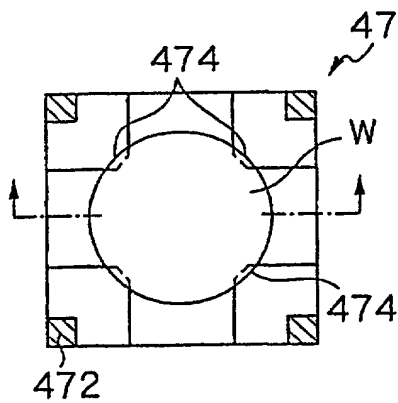


FIG. 9 [B]

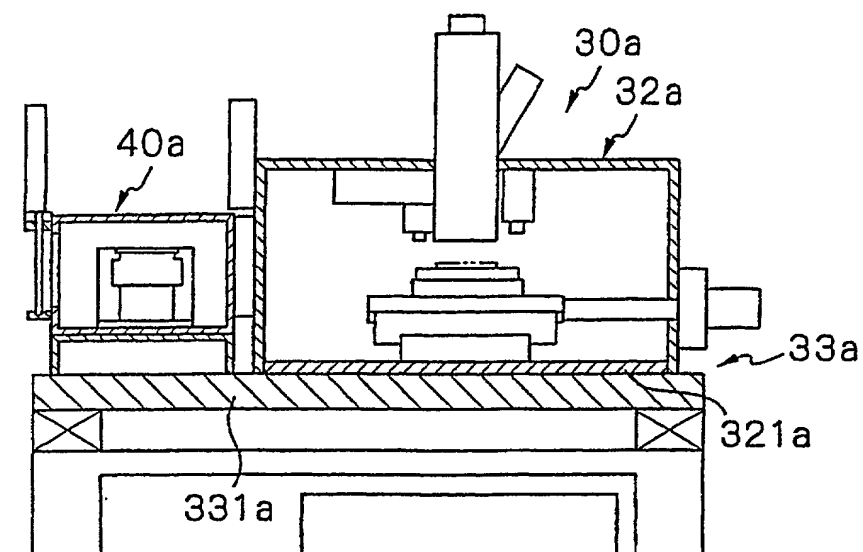


FIG. 10 [A]

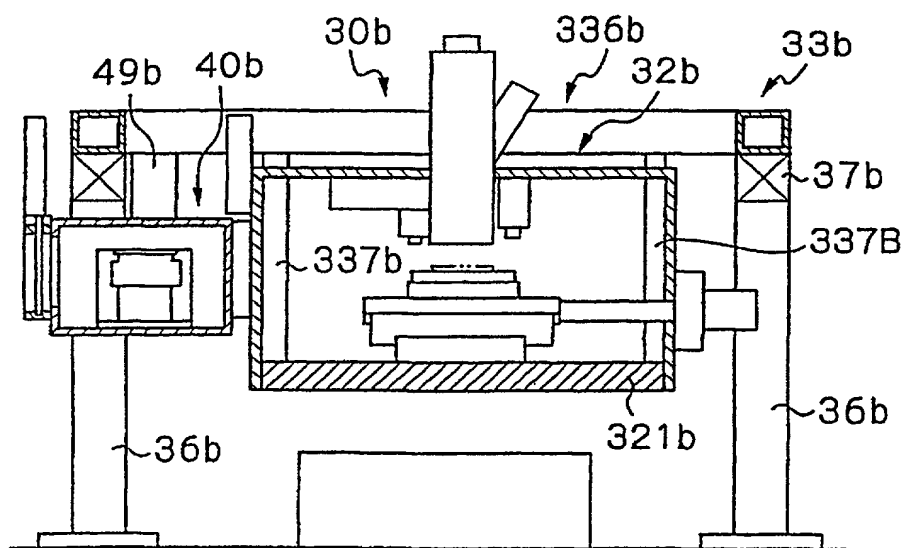


FIG. 10 [B]

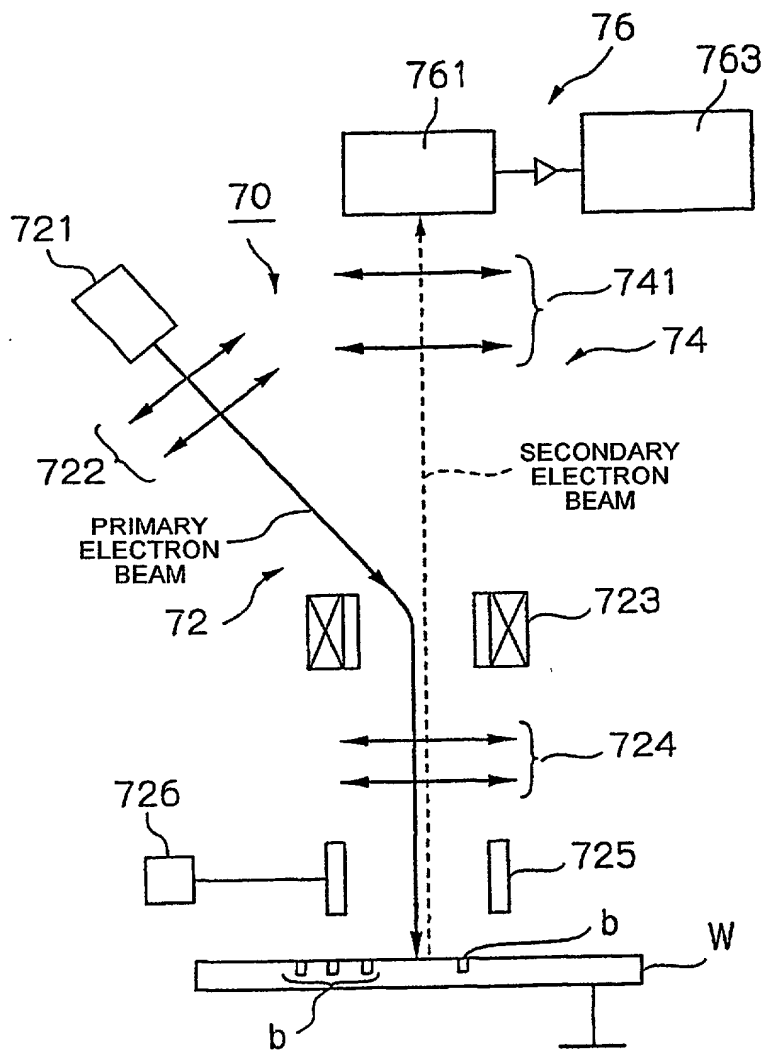


FIG. 11

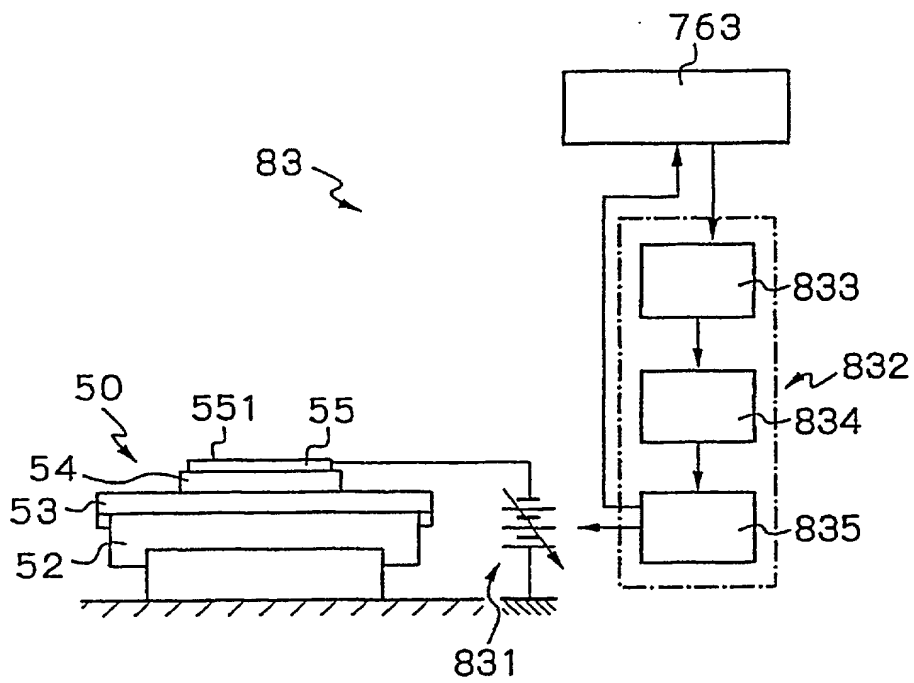


FIG. 12

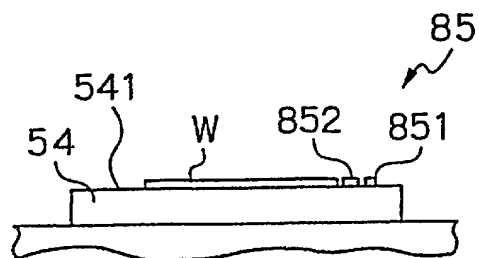


FIG. 13 [A]

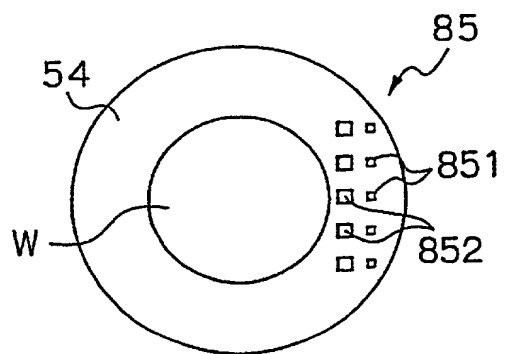


FIG. 13 [B]

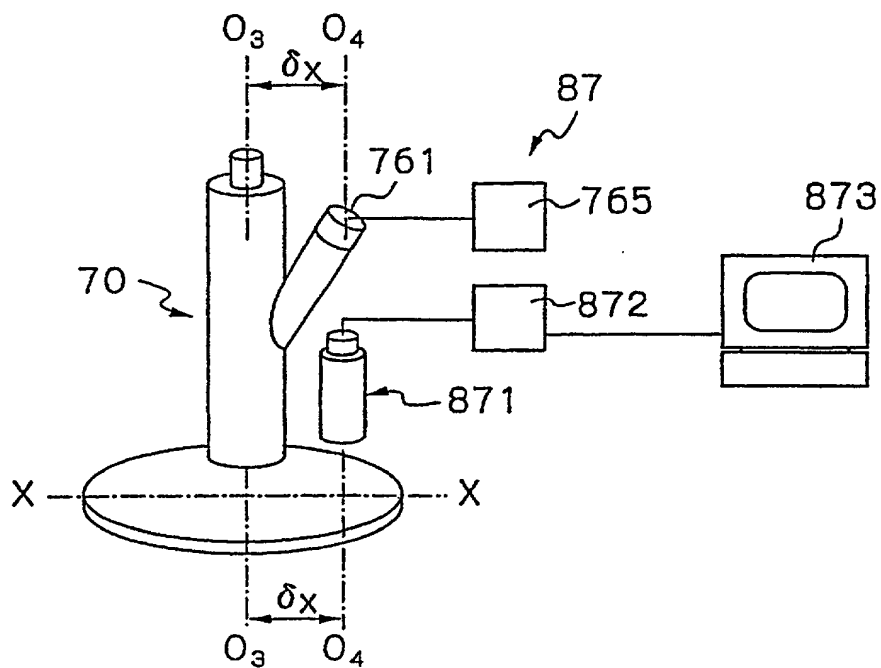


FIG. 14

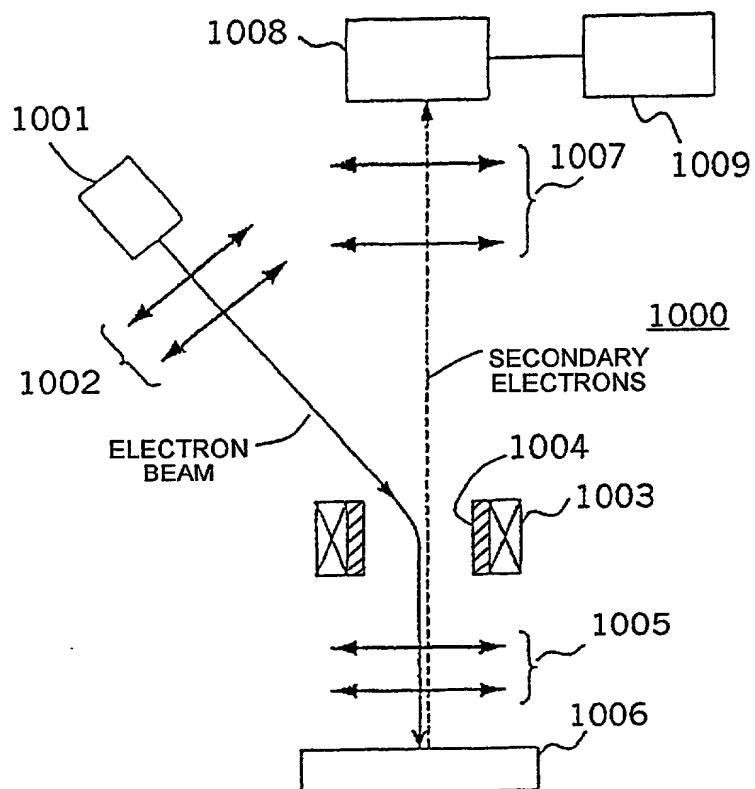


FIG. 16

BREAKDOWN OCCURRENCE
PROBABILITY FOR EACH METAL

METAL	WORK FUNCTION [eV]	BREAKDOWN OCCU- RRENCE PROBABILITY
ALUMINUM	4. 2	HIGH
GOLD	4. 9	MIDDLE
PLATINUM	5. 3	LOW

FIG. 17

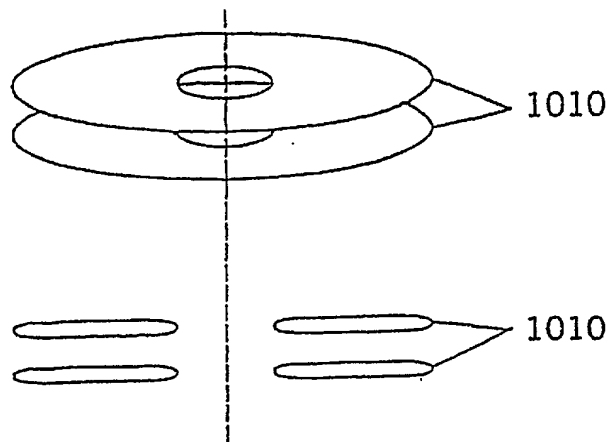


FIG. 18

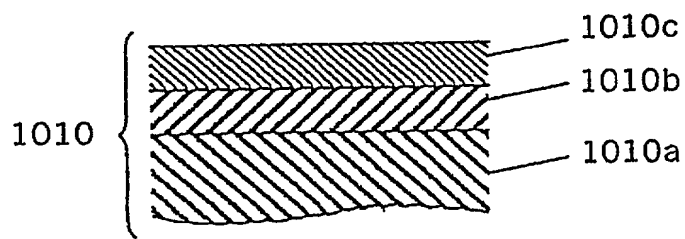


FIG. 19

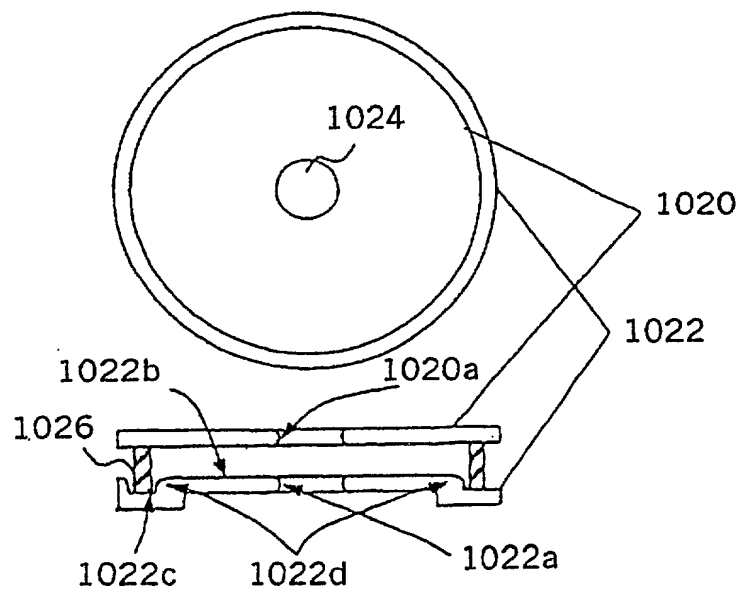


FIG. 20

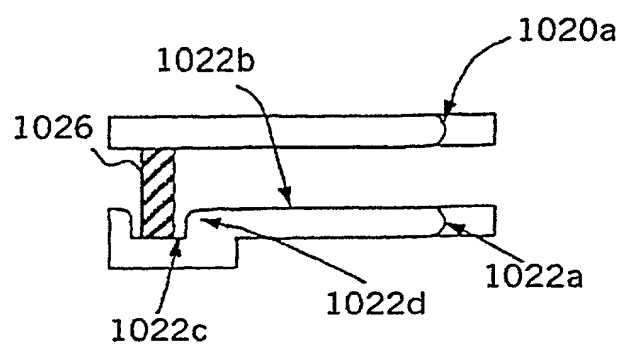


FIG. 21

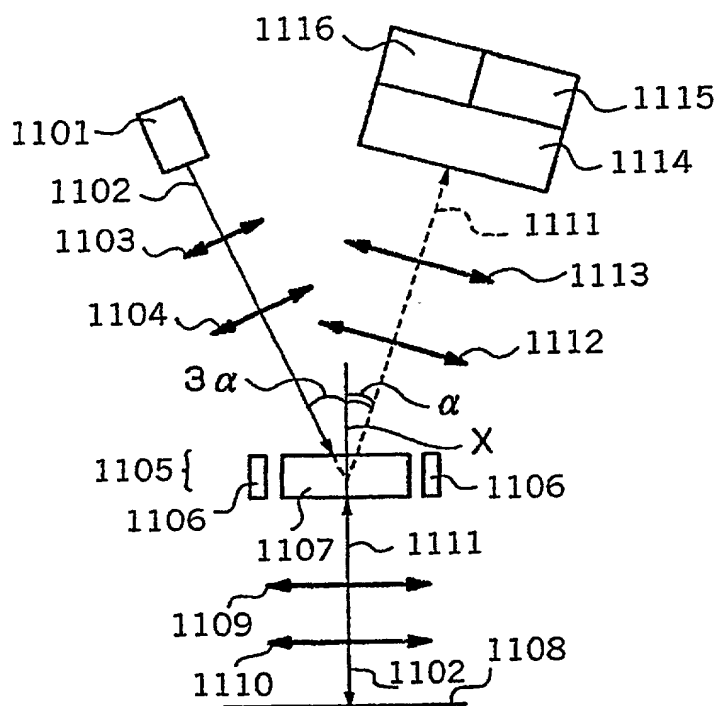


FIG. 22

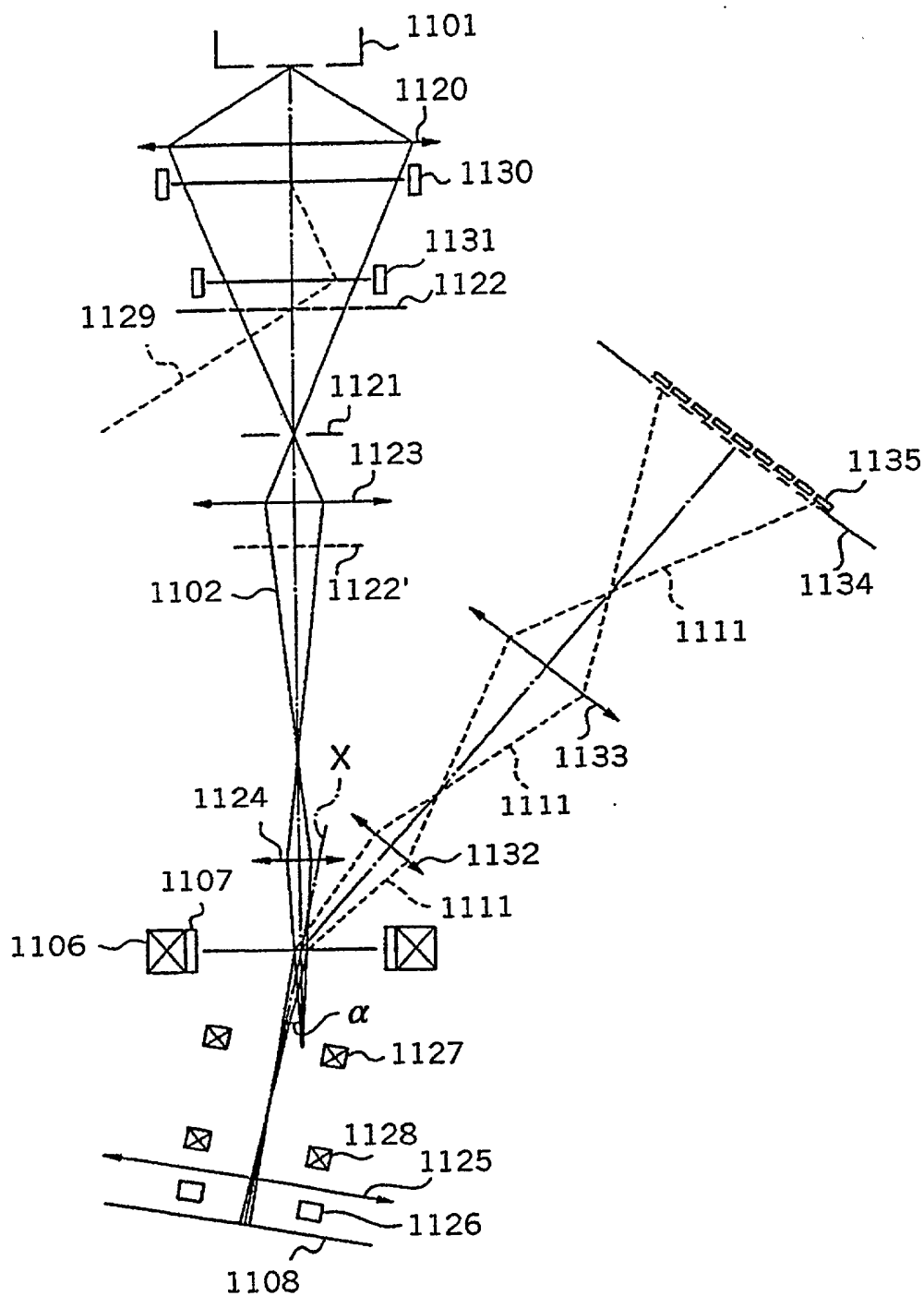


FIG. 23

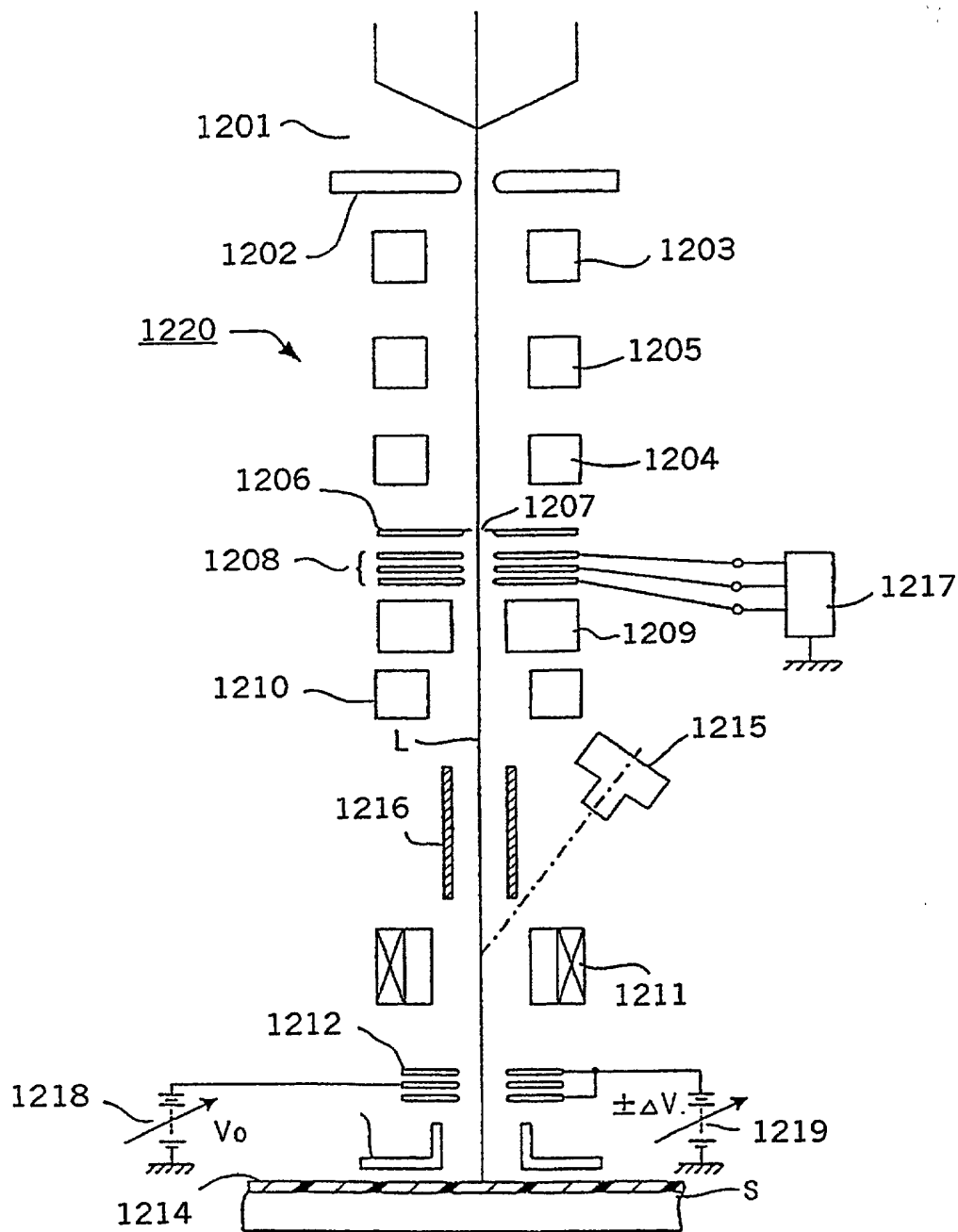


FIG. 24

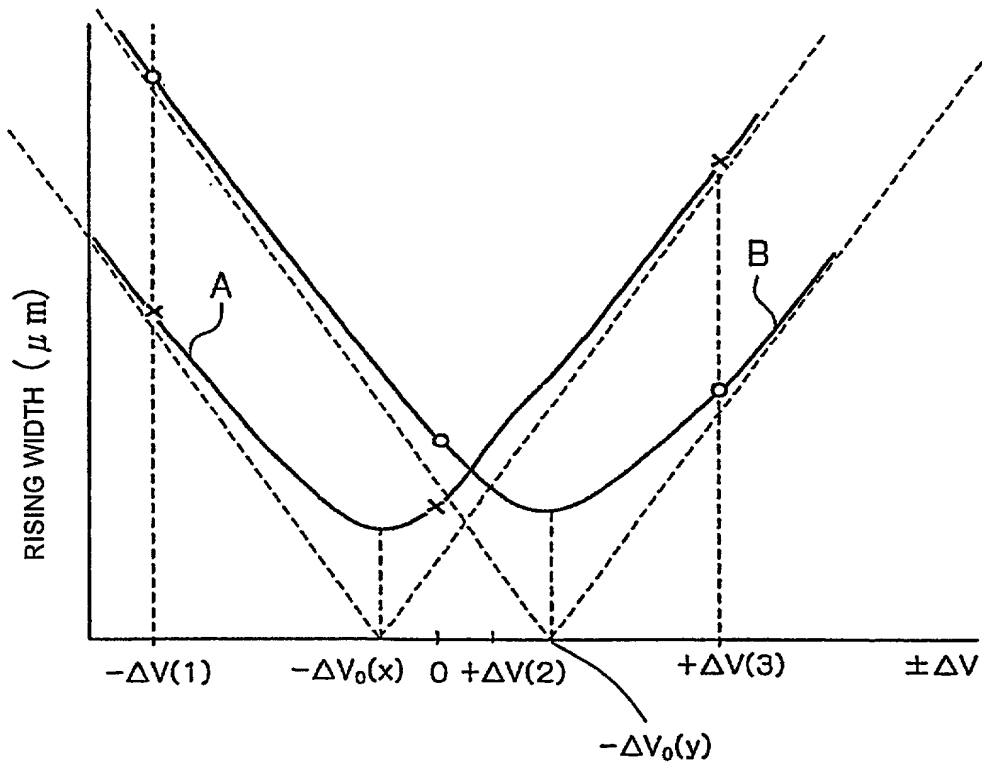


FIG. 25 (a)

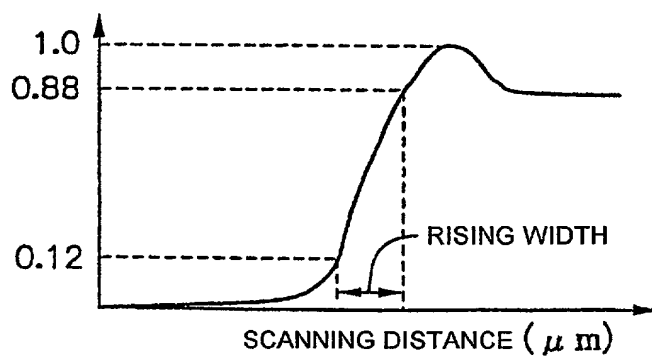


FIG. 25 (b)

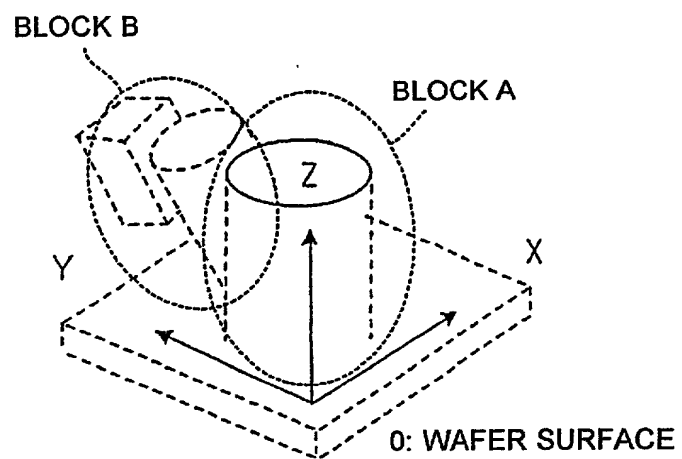


FIG. 27 (a)

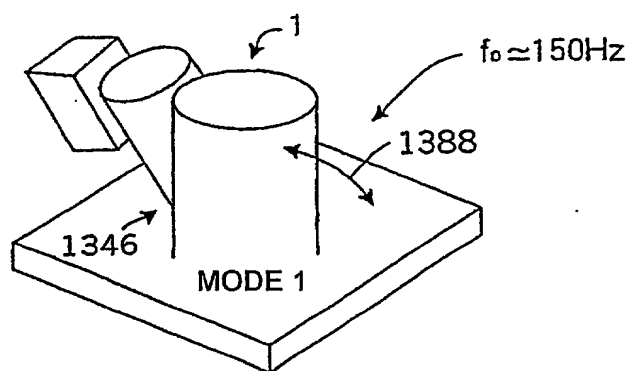


FIG. 27 (b)

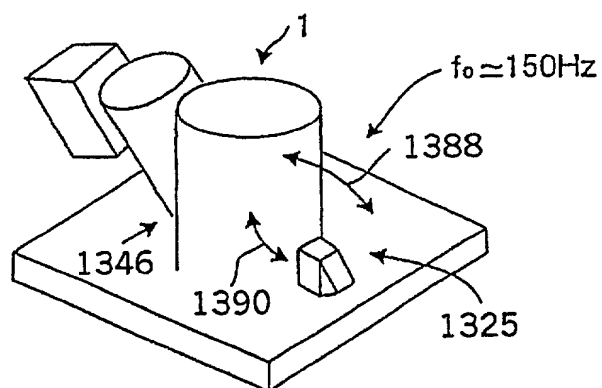


FIG. 27 (c)

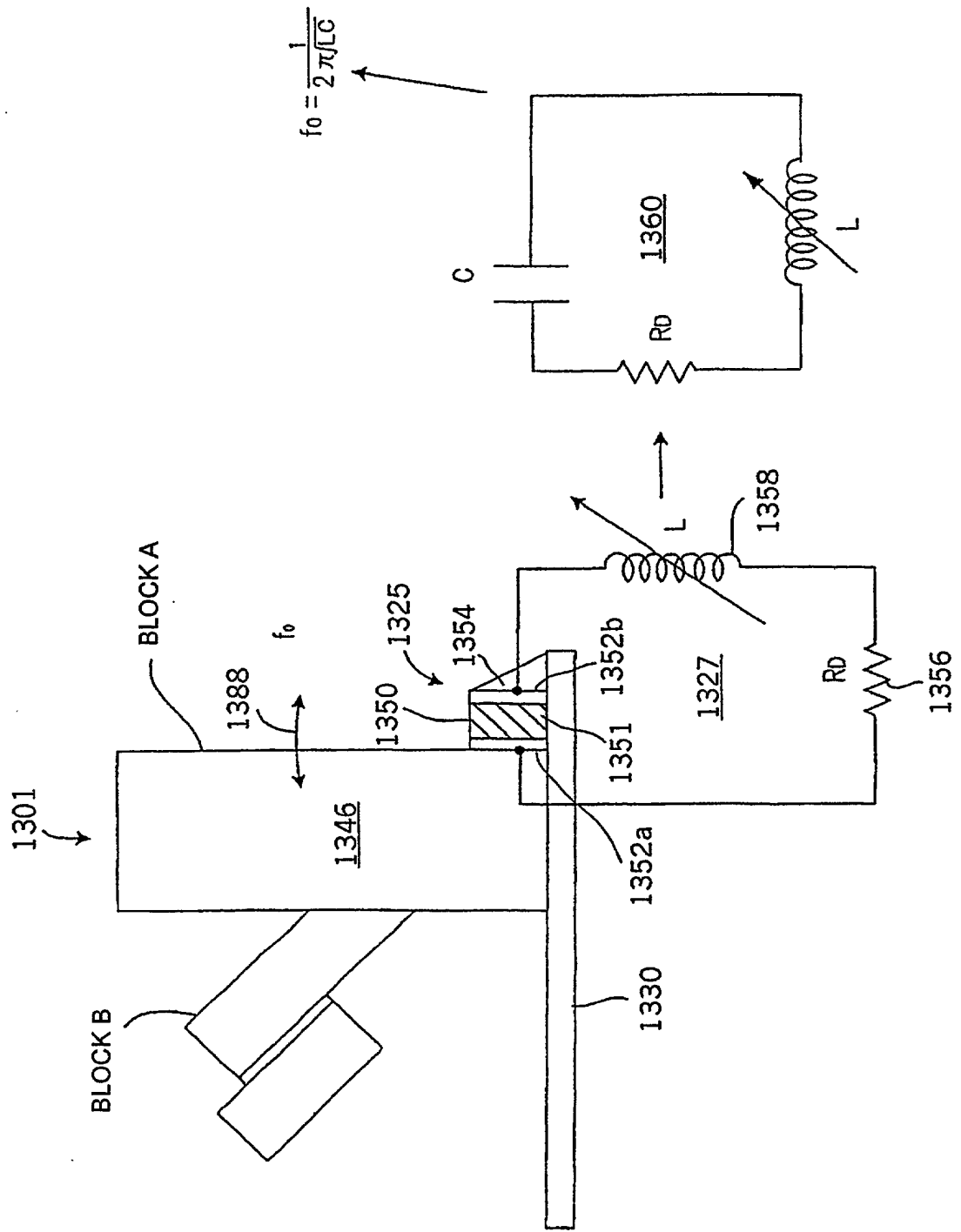


FIG. 28

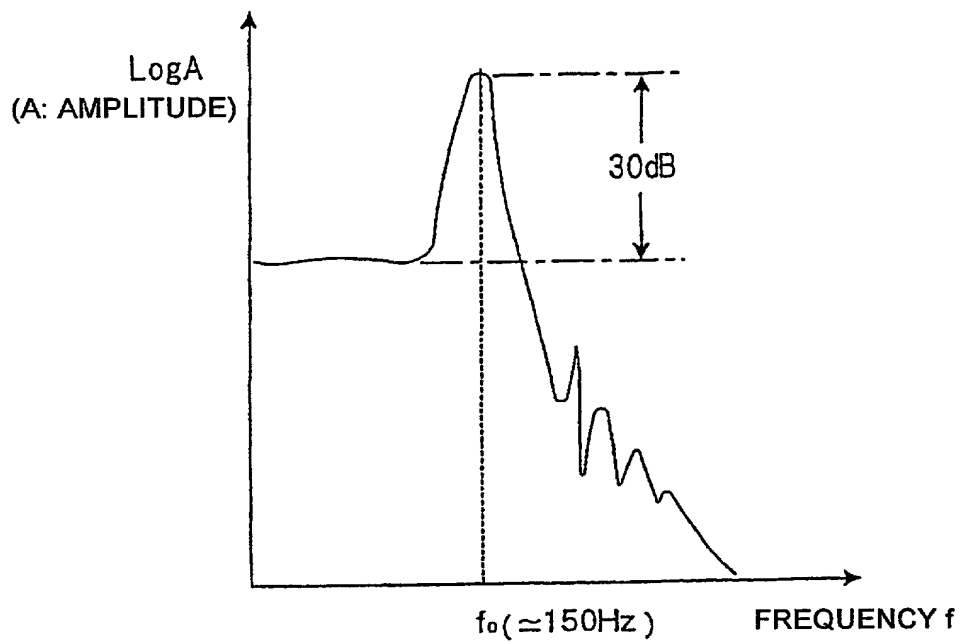


FIG. 29

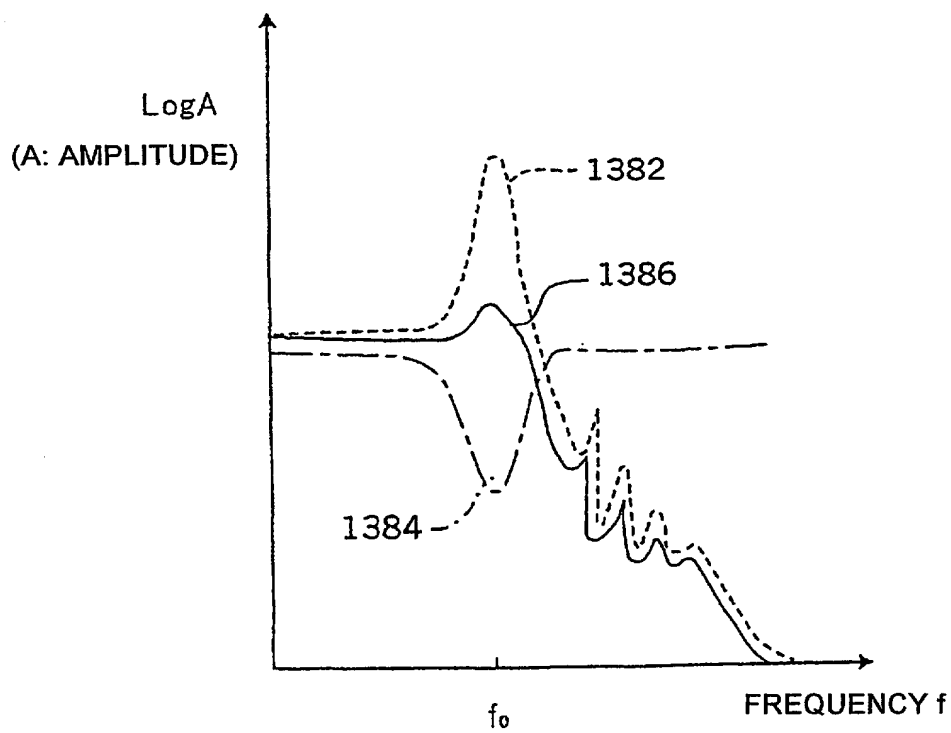


FIG. 30

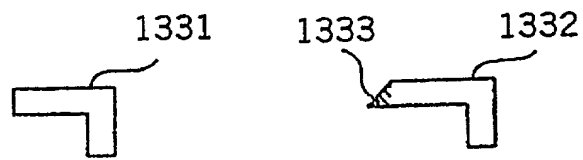


FIG. 31 (a)

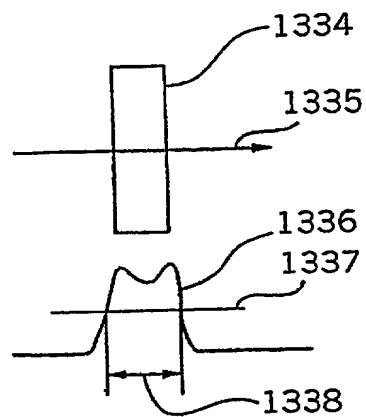


FIG. 31 (b)

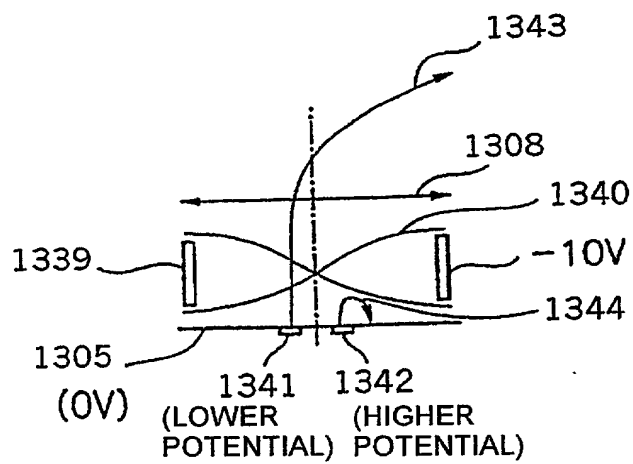


FIG. 31 (c)

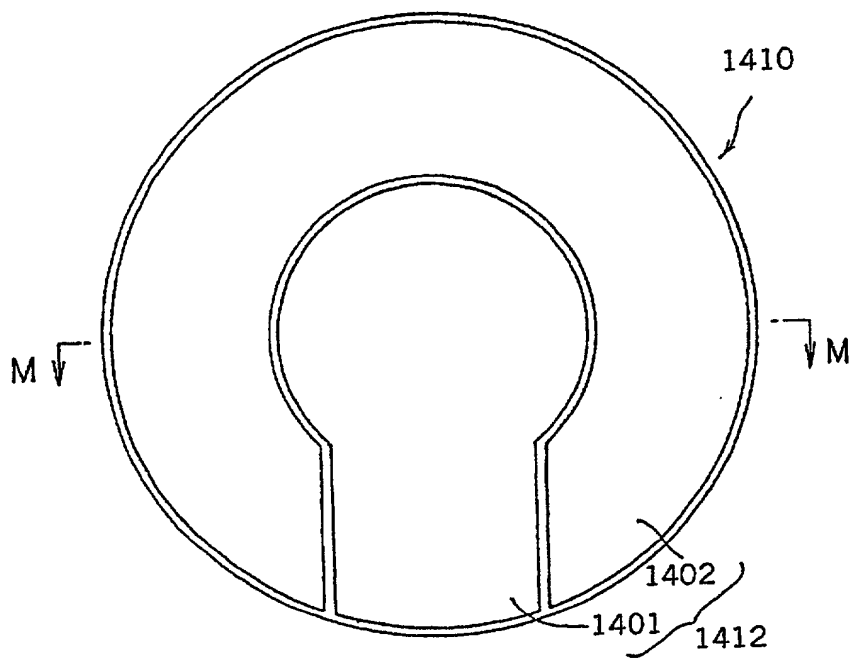


FIG. 32

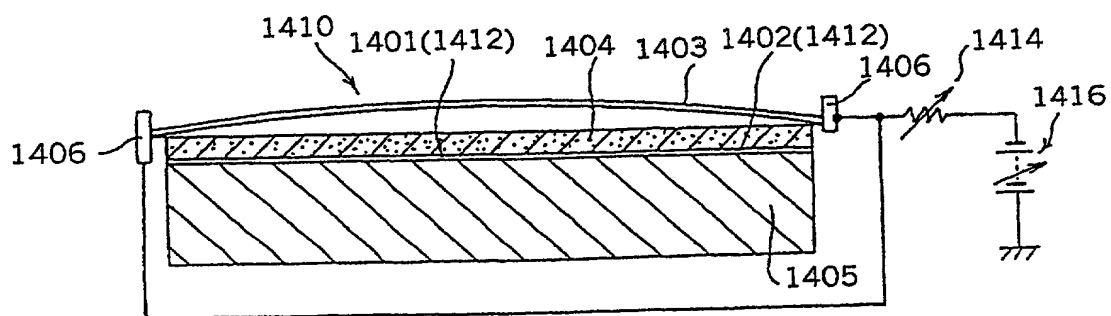


FIG. 33

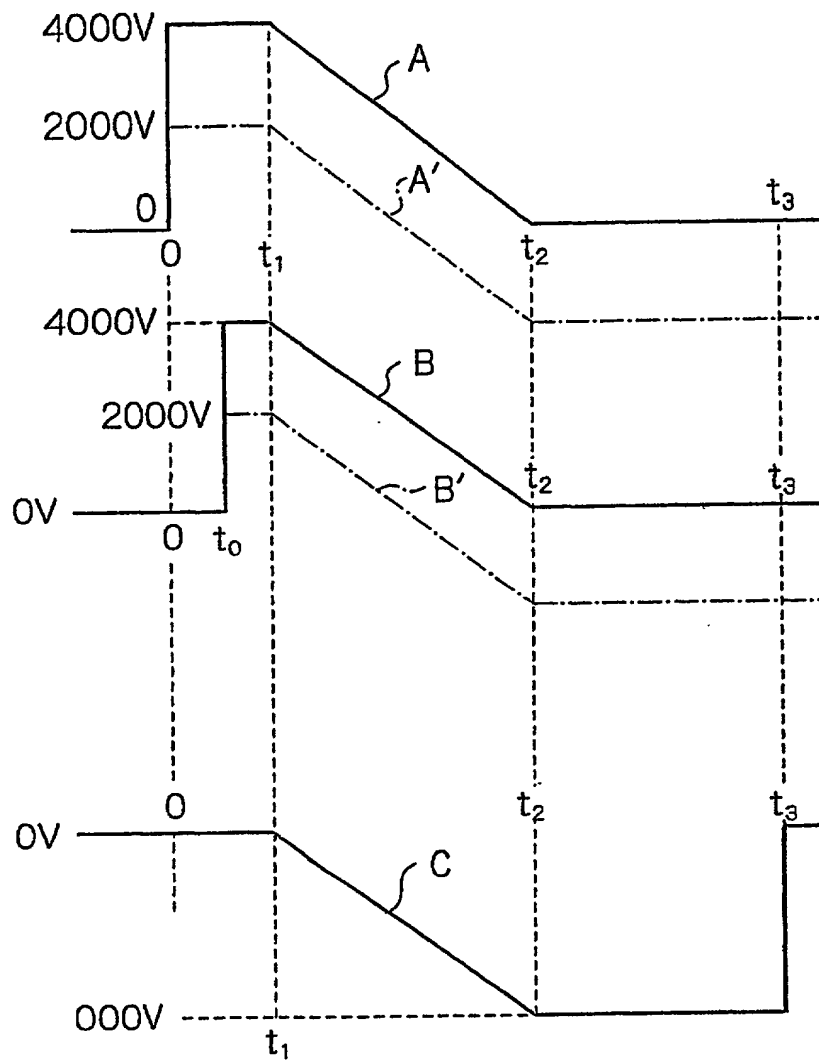


FIG. 34 (a)

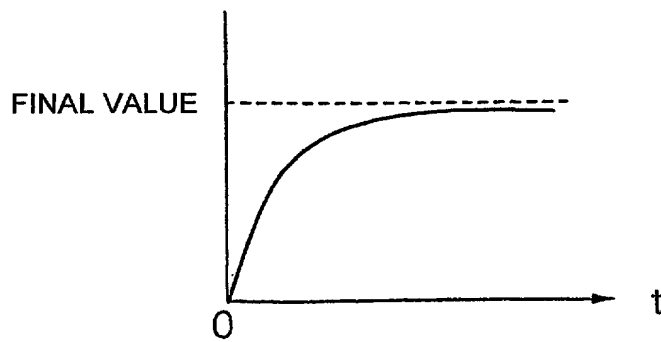


FIG. 34 (b)

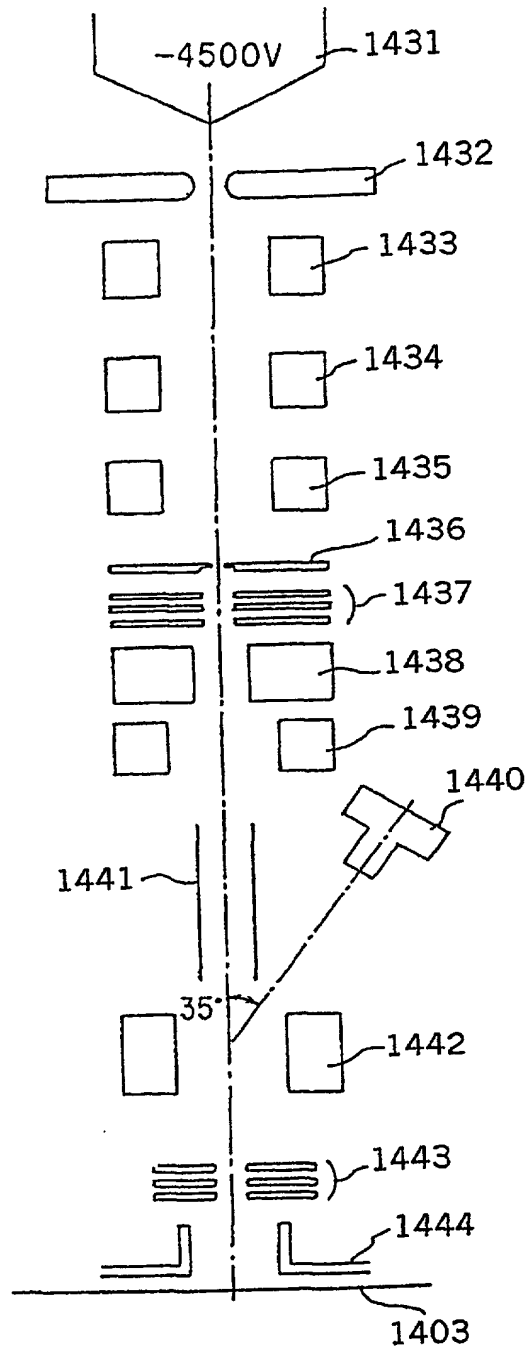


FIG. 35

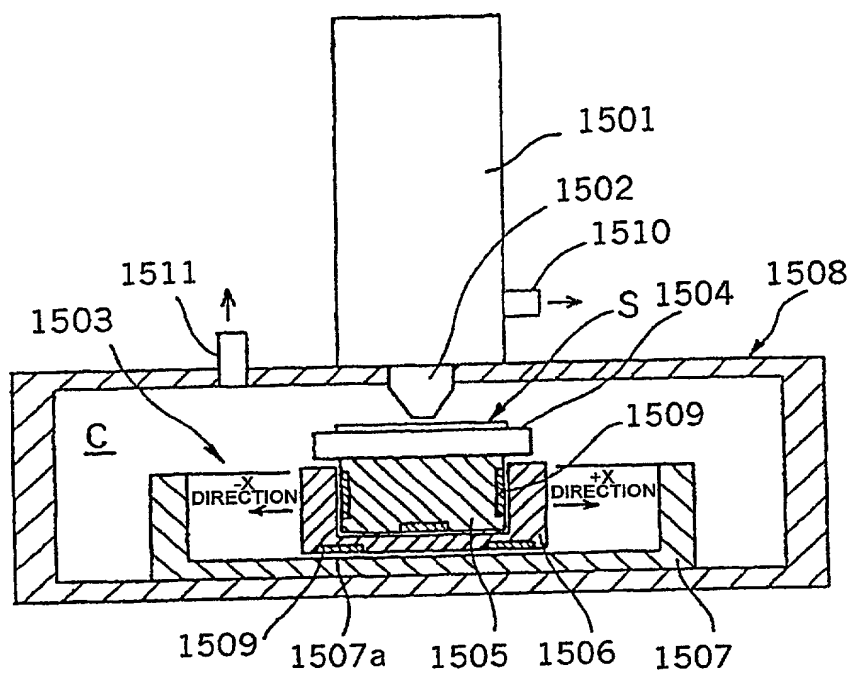


FIG. 36 [A]

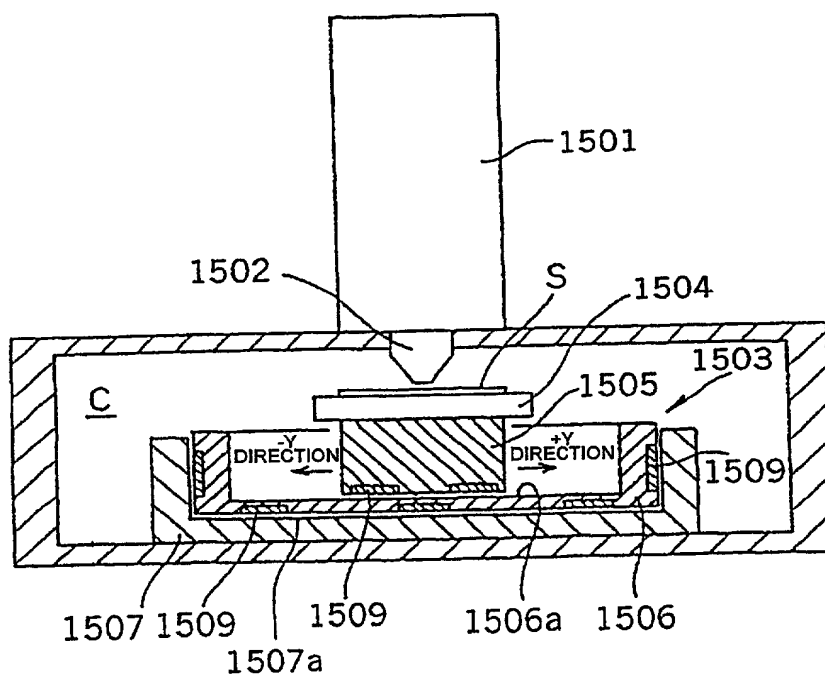


FIG. 36 [B]

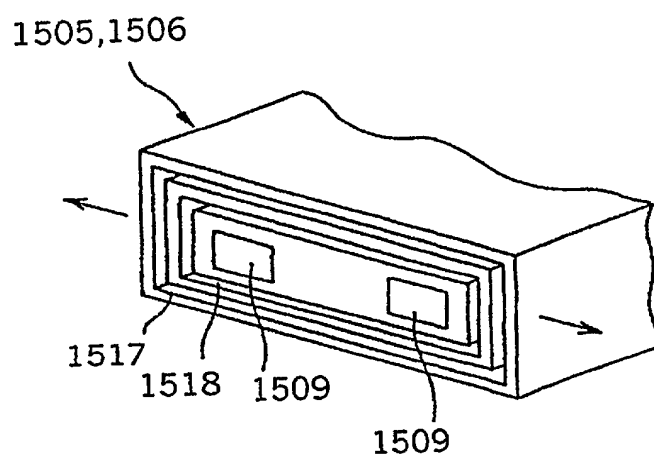


FIG. 37

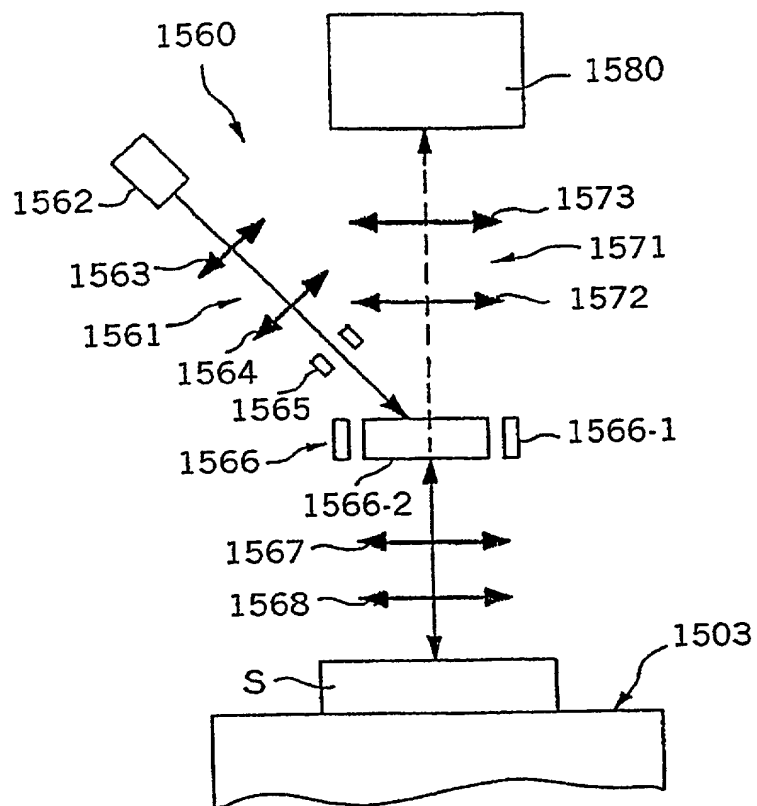


FIG. 43

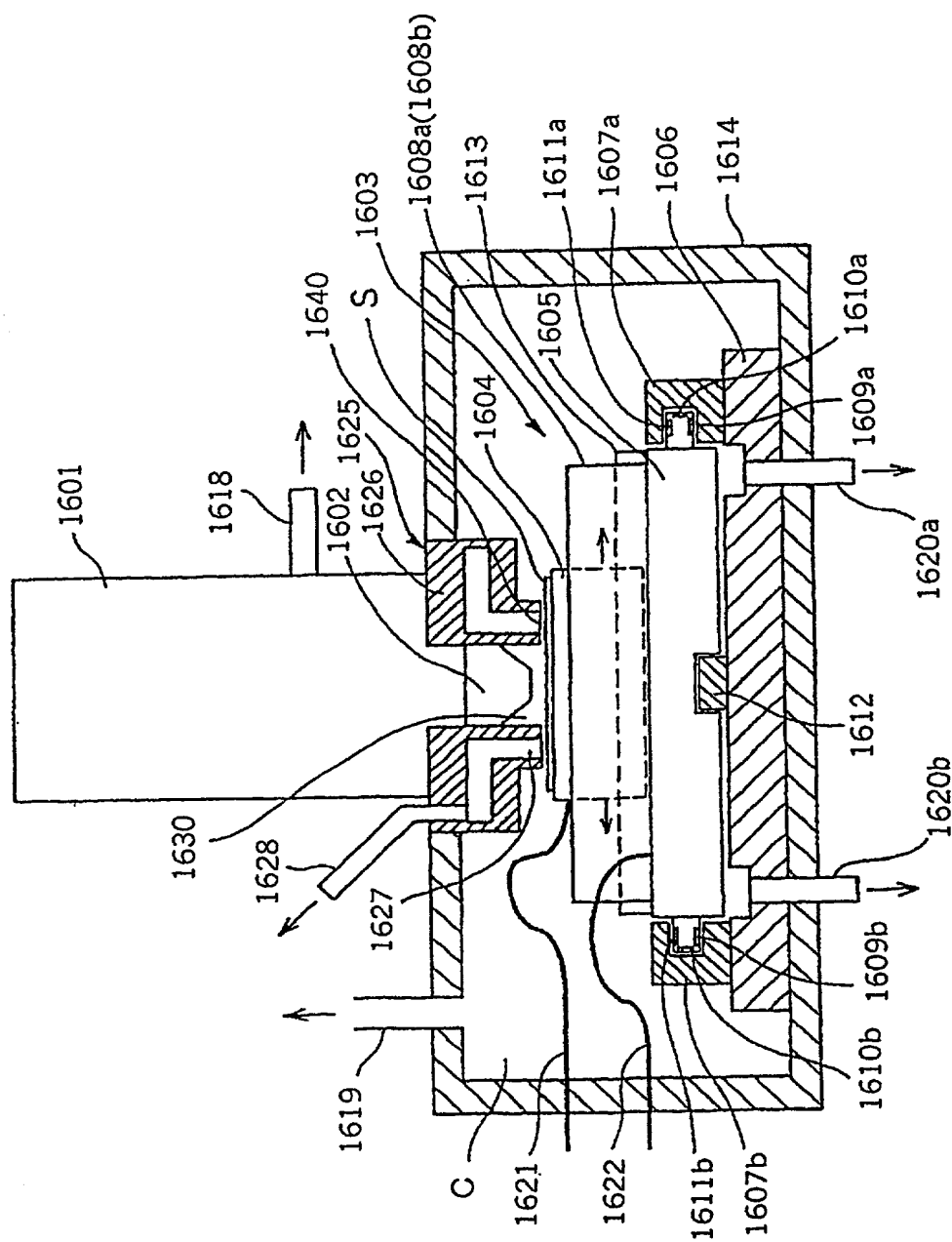


FIG. 44

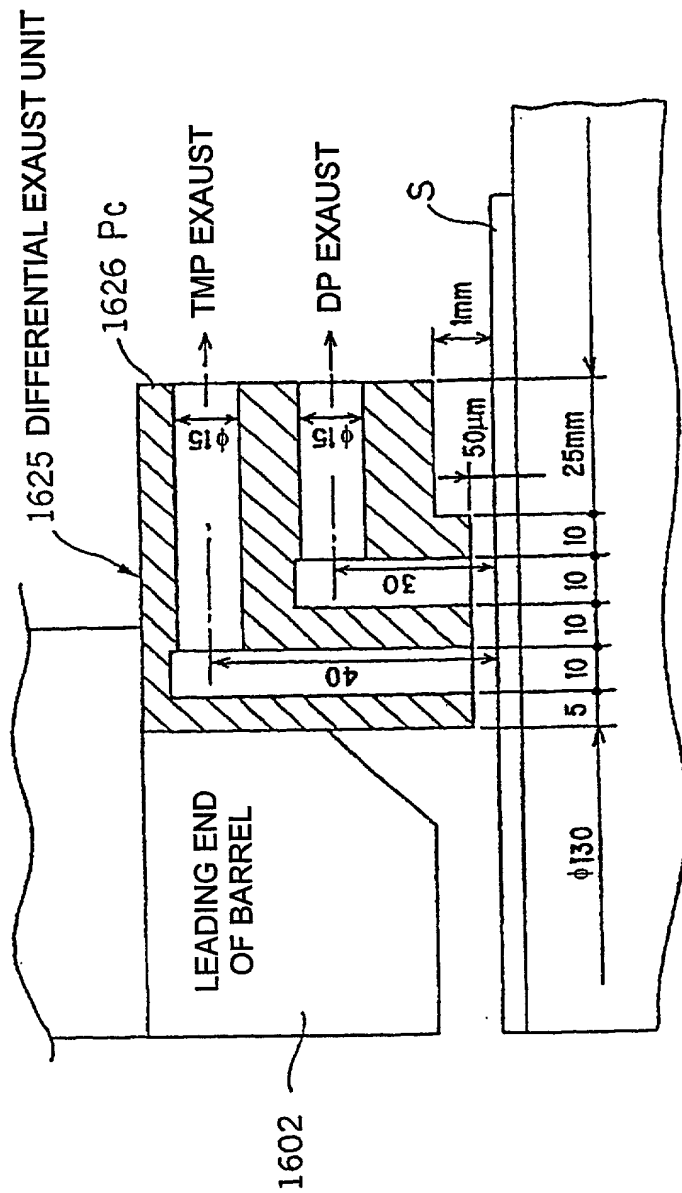


FIG. 45

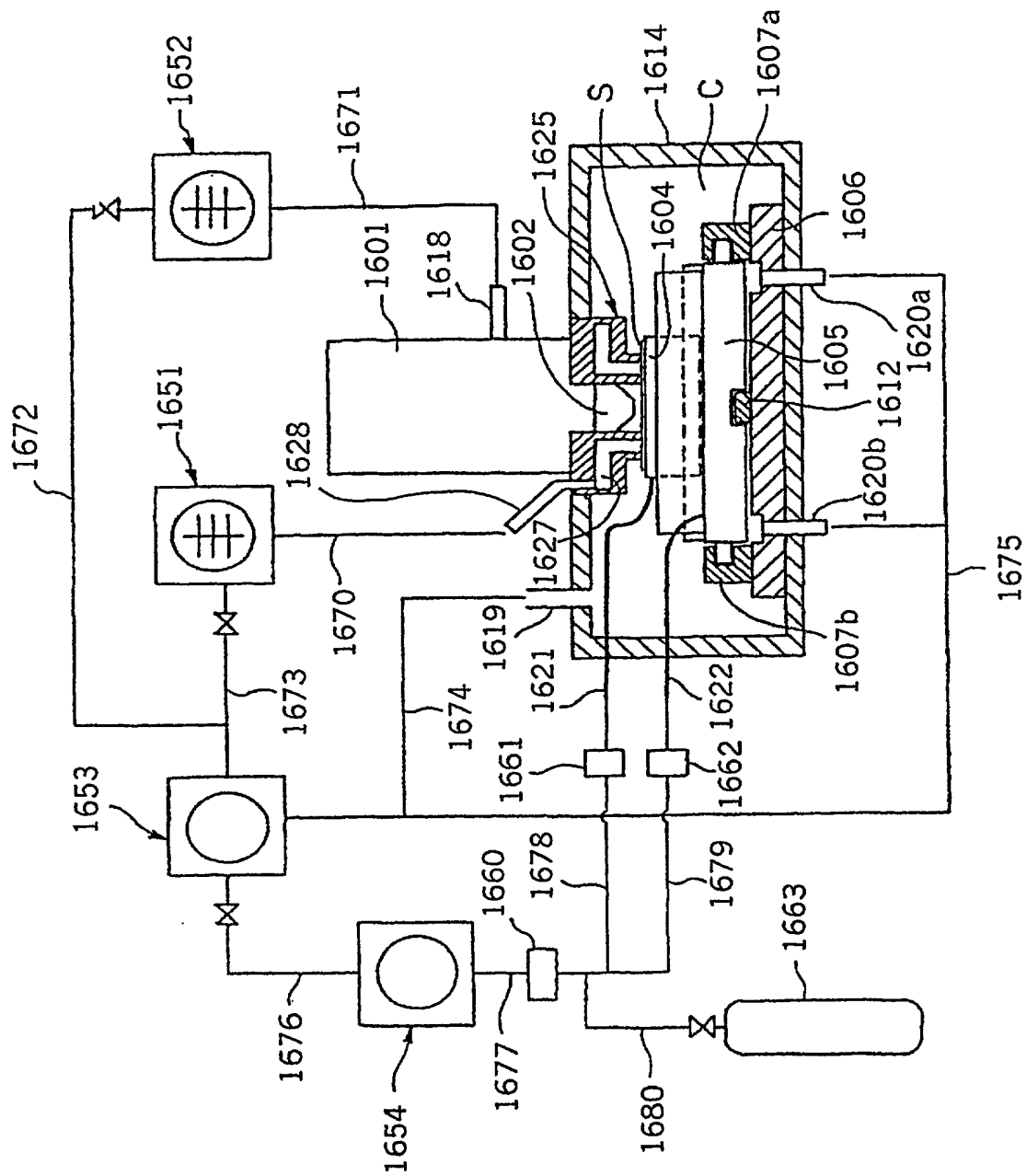


FIG. 46

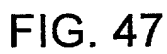


FIG. 47

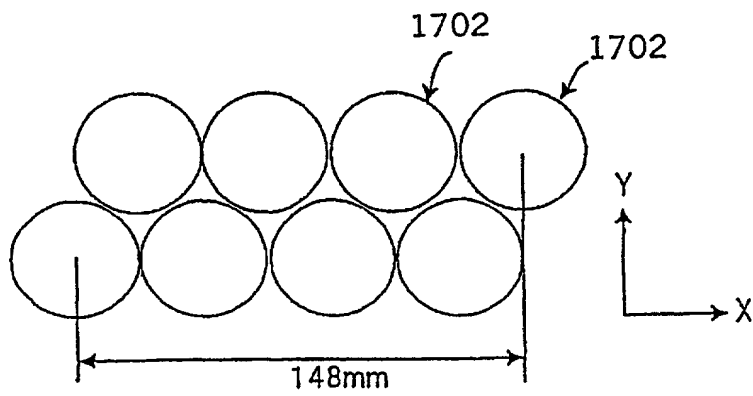


FIG. 48

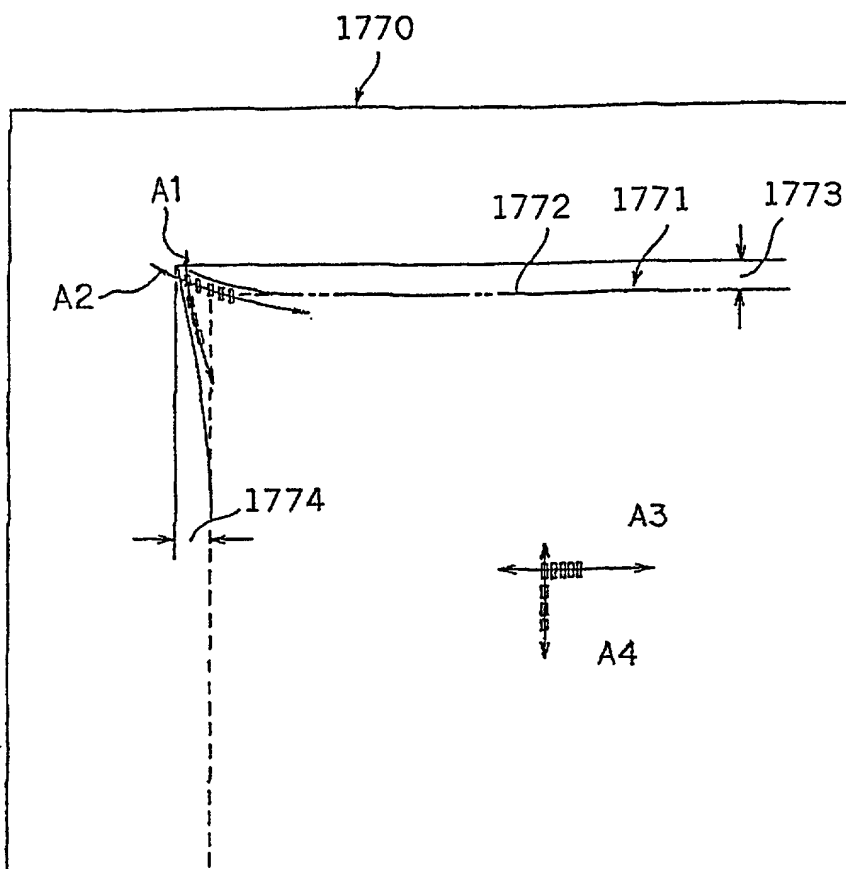


FIG. 49 [A]

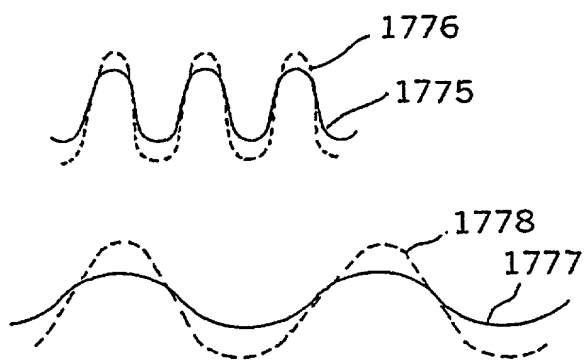


FIG. 49 [B]

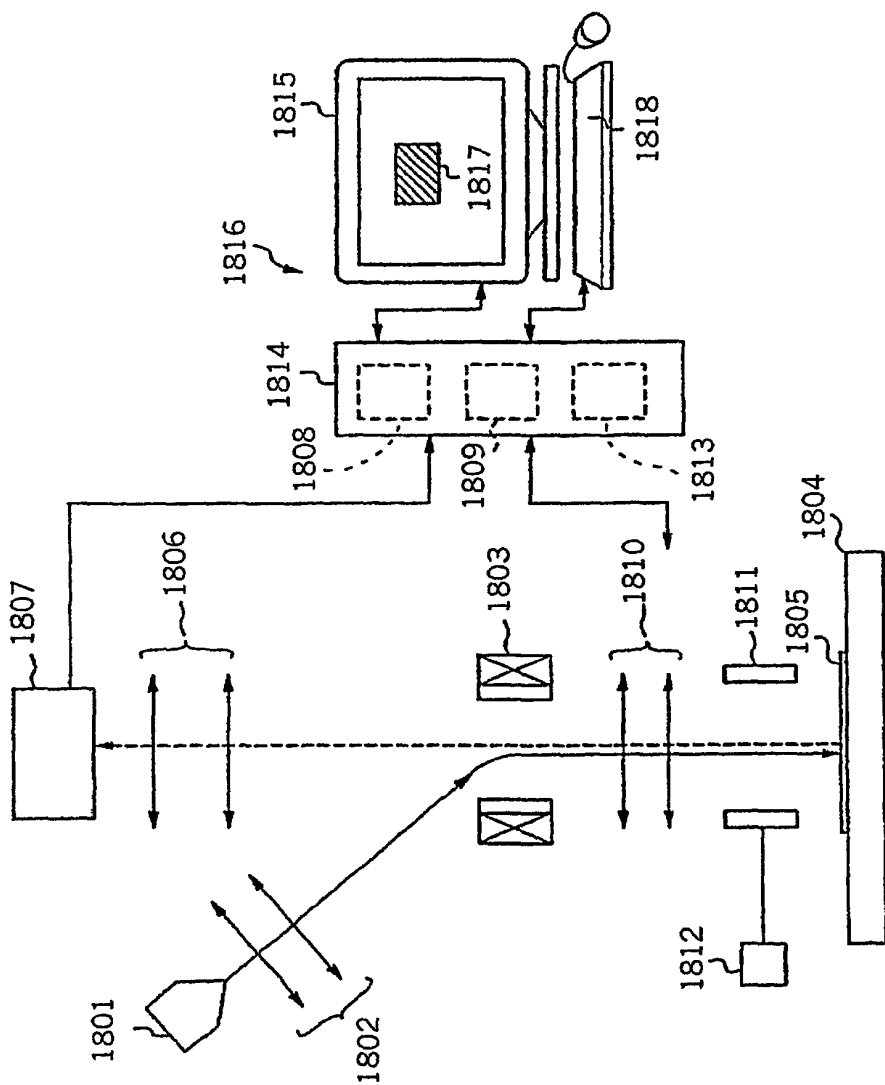


FIG. 50

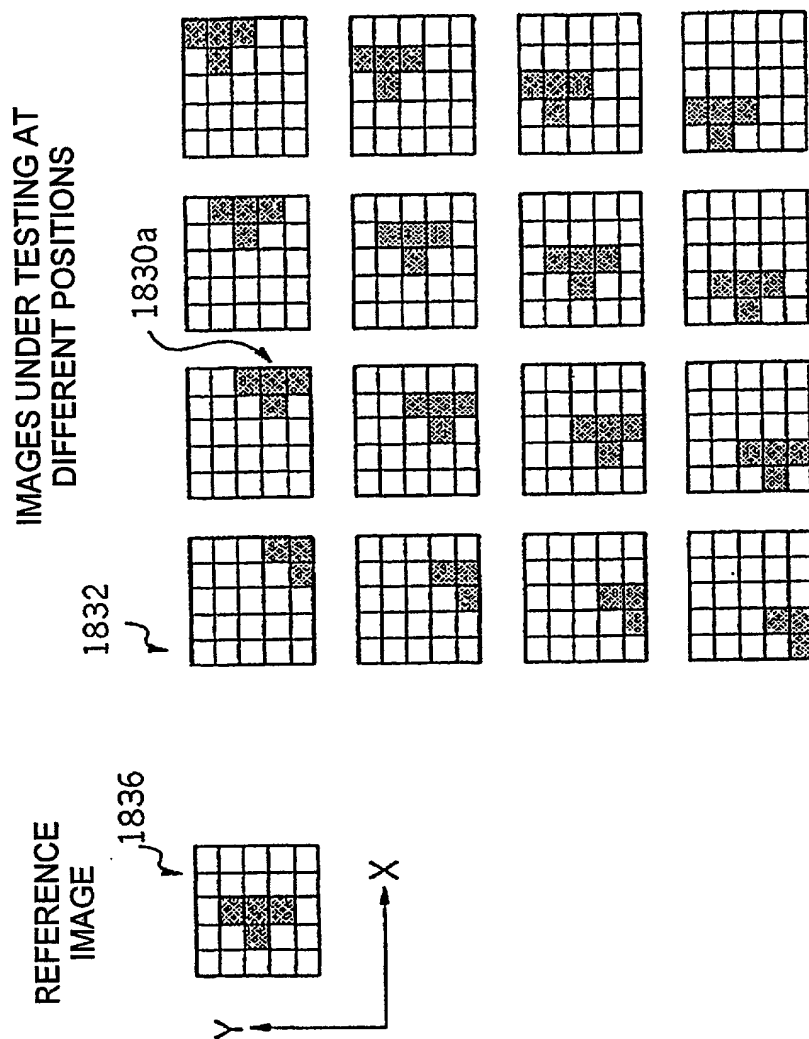


FIG. 51

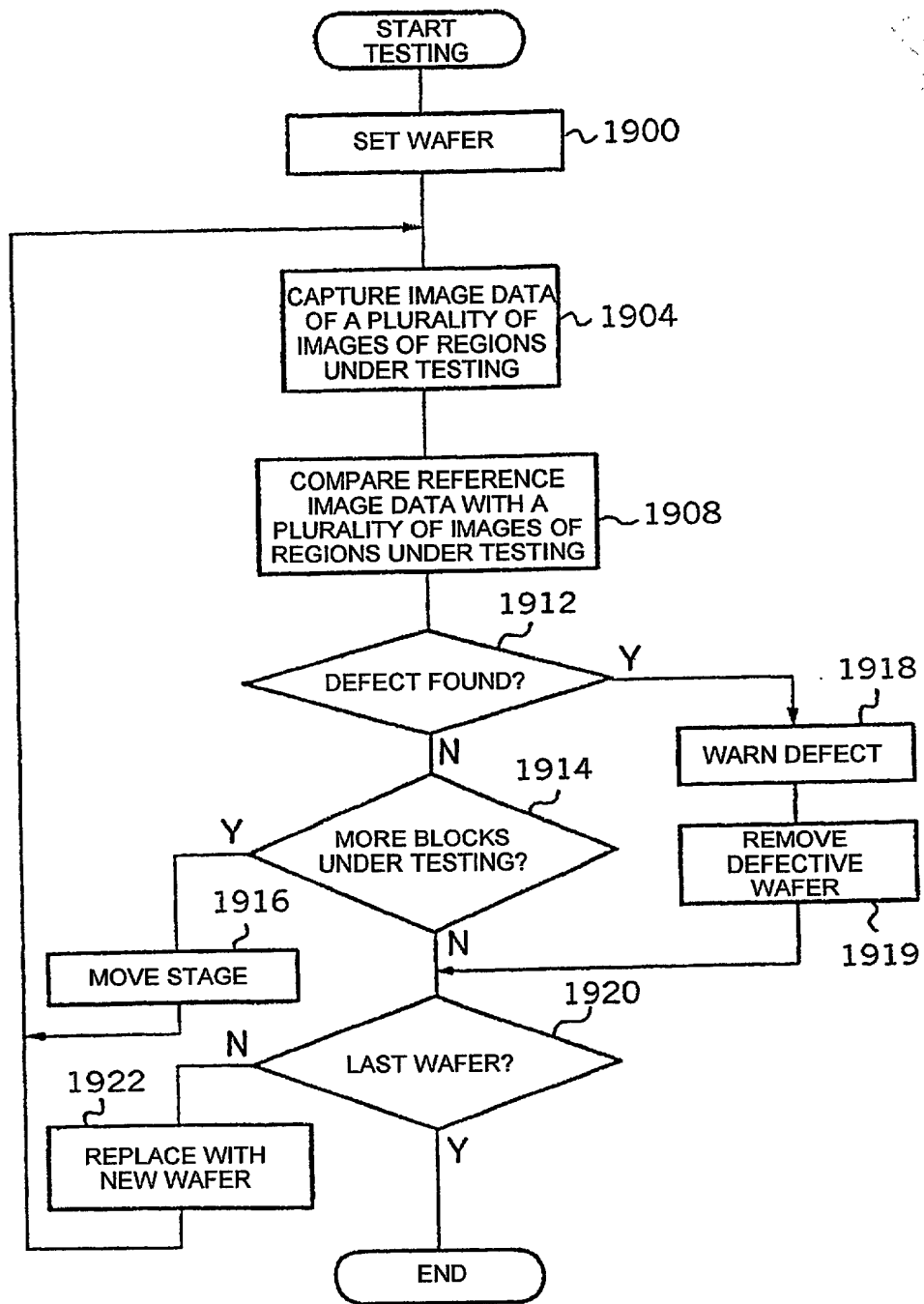


FIG. 52

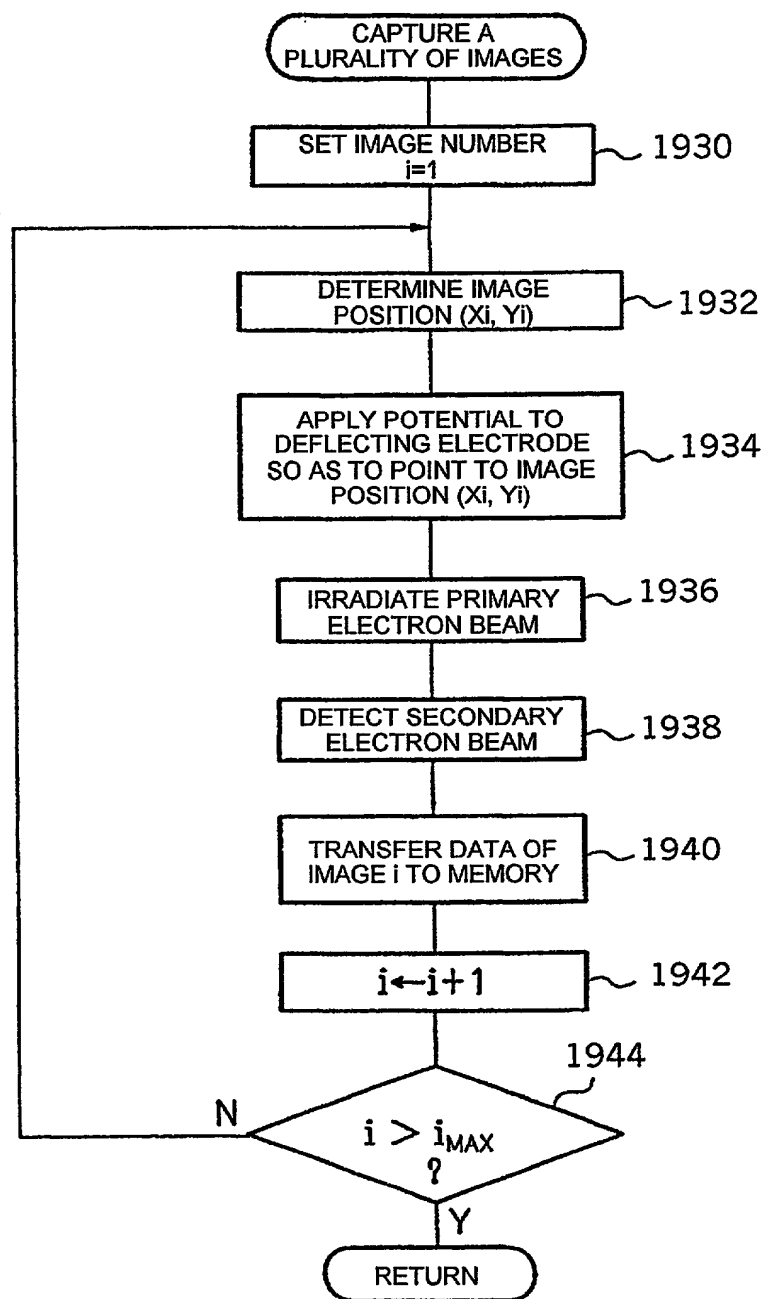


FIG. 53

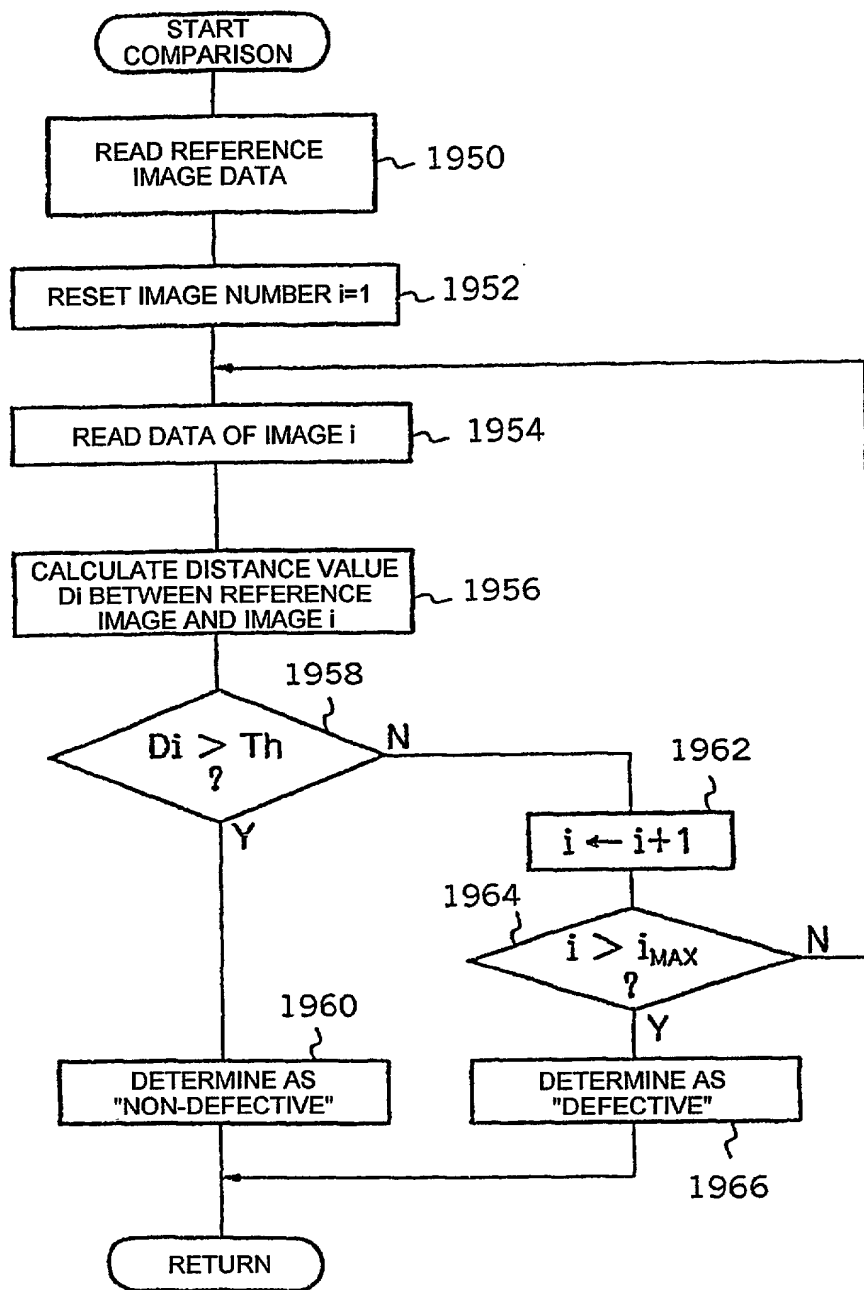


FIG. 54

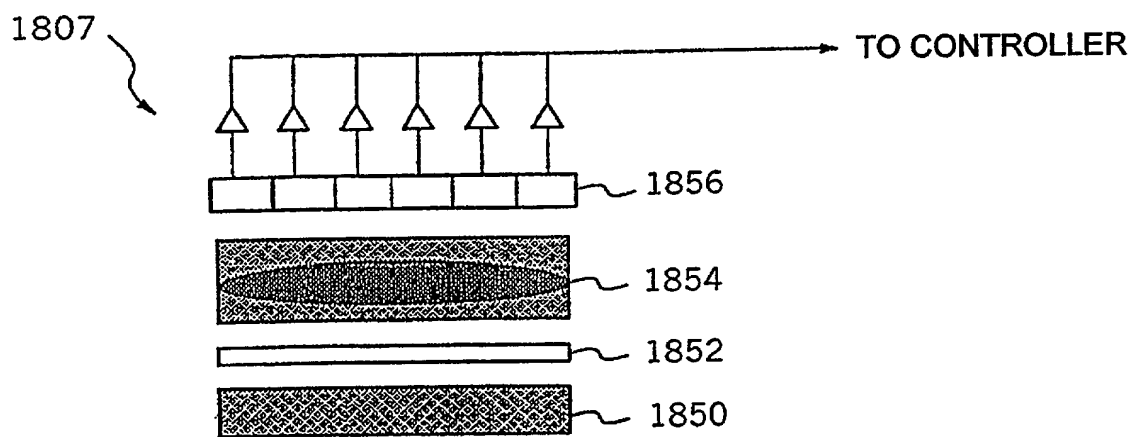


FIG. 55

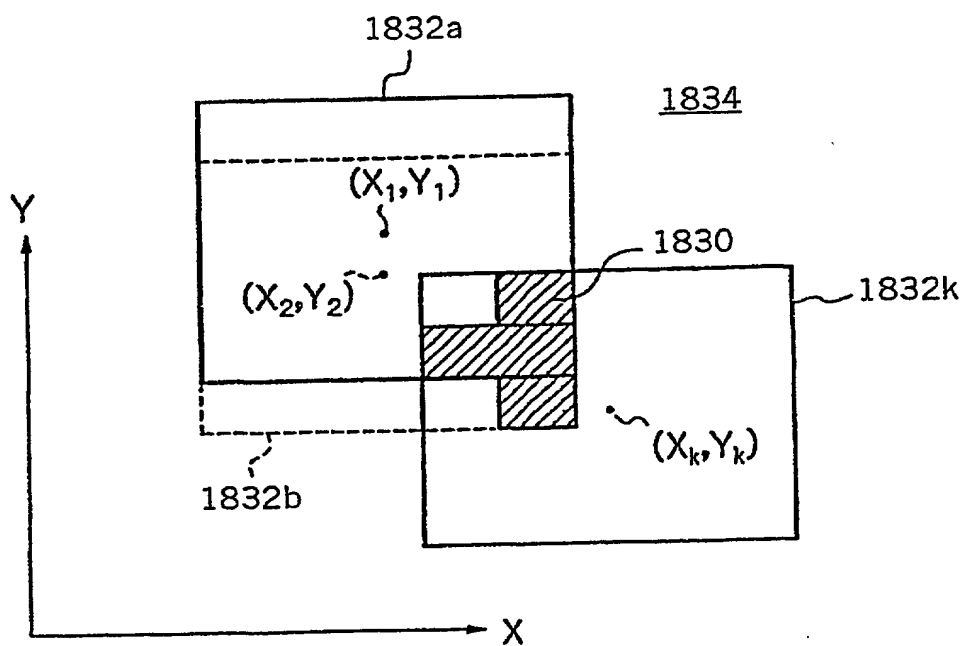


FIG. 56